

ABSTRACT OF THE DISCLOSURE

A fuel injector for a gas turbine is disclosed which includes a nozzle body having a discharge portion defining a discharge orifice, the discharge portion including a fuel circuit for directing a hollow fuel film toward the discharge orifice from a fuel pump associated with the gas turbine, and an air assist circuit for directing pressurized air from a source external to the gas turbine toward the fuel film upstream from the discharge orifice to impinge on an inner surface of the fuel film issuing from the discharge orifice.

10

.StmLib1:871744.1 03/07/01

BEST AVAILABLE COPY